

**Summary of EPA, DTSC, CDPH review of Parcel G Radiological Data Evaluation**

	<b>Trench</b>	<b>Fill</b>	<b>Building Sites</b>	<b>Total</b>	<b>% of total</b>
<b>Tota Survey Units in Parcel G</b>	63	107	32	202	100%
<b>Navy recommended resampling</b>	20	53	25	98	49%
<b>EPA, CDPH, DTSC recommend resampling</b>	39	54	5	98	49%
<b>Total recommended resampling</b>	59	107	30	196	97%
<b>No signs of falsification found in data</b>	4	0	2	6	3%
<b>% of total recommended resampling</b>	94%	100%	94%	97%	

The above was for Parcel G alone. Below is for entire Shipyard.

<b>Total Survey Units in Hunters Pt Tetra Tech EC</b>	305	514	*
<b>Parcel G as % of total</b>	21%	21%	*

**EPA, CDPH, and DTSC review of Parcel B Rad Data Evaluation**

	<b>Trench</b>	<b>Fill</b>	<b>Building Sites</b>	<b>Total</b>	<b>% of total</b>
<b>Tota Survey Units in Parcel B</b>	70	112	17	199	100%
<b>Navy recommended resampling</b>	2	18	8	28	14%
<b>Navy recommended reanalyzing archived samples</b>	2	1	0	3	2%
<b>Navy found signs of data manipulation and/or falsification</b>	4	19	8	31	16%
<b>EPA, CDPH, DTSC recommend resampling</b>	53	89	9	151	76%
<b>Total recommended resampling</b>	55	107	17	179	90%
<b>No signs of falsification found in data</b>	15	6	0	21	11%
<b>% of total recommended resampling</b>	79%	96%	100%	90%	

## Hunters Point Radiological Data Evaluation

	Parcel G	Parcel B	Parcel D-2 & UC-1,2,3	Parcel C	Subtotal	% of total
Total Survey Units	202	199	128	189	718	100%
Navy recommended resampling	98	28	78	118	322	45%
Navy recommended reanalyzing archived samples	0	3	2	4	9	1%
Navy found signs of data manipulation and/or falsification	98	31	80	122	331	46%
EPA, CDPH, DTSC recommend resampling	98	151	2	4	255	36%
Total recommended resampling	196	179	80	126	581	81%
No signs of falsification found in data	6	21	0	0	27	4%
Regulators Not Yet reviewed	0	0	48	71	119	17%
% Navy recommended resampling	49%	14%	61%	62%	45%	
% Regulators added	49%	76%	2%	2%	36%	
% of total recommended resampling	97%	90%	63%	67%	81%	

Regulators already reviewed				
Regulators not yet reviewed				
	Parcels B & G only		Parcels C, D-2, UC-1,2,3	
	Number	Percent	Number	Percent
Total units	401	100%	317	100%
Navy recommended resampling	126	31%	196	62%
Regulators recommended resampling	249	62%	6	2%
Total recommended resampling	375	94%	202	64%

### Notes:

1. These parcels represent more than 80% of the total trench and backfill soil survey units

The above was for Parcel B alone. Below is for entire Shipyard.

<b>Total Survey Units in Hunters Pt Tetra Tech EC</b>	305	514	*
<b>Parcel B as % of total</b>	23%	22%	*

**Draft Interim EPA and DTSC review of Parcel UC-1,2,3 & Parcel D-2 Rad Data Eval 10-31-2017**

	<b>Trench</b>	<b>Fill</b>	<b>Building Sites</b>	<b>Total</b>	<b>% of total</b>
<b>Tota Survey Units in Parcels UC-1,2,3 &amp; D-2</b>	48	80	0	128	100%
<b>Navy recommended resampling</b>	23	55	0	78	61%
<b>Navy recommended reanalyzing archived samples</b>	2	0	0	2	2%
<b>Navy found signs of data manipulation and/or falsification</b>	25	55	0	80	63%
<b>EPA, CDPH, DTSC recommend resampling</b>	2		0	2	2%
<b>Total recommended resampling</b>	25	55	0	80	63%
<b>No signs of falsification found in data</b>			0	0	0%
<b>EPA not yet reviewed</b>	23	25	0	48	38%
<b>% of total recommended resampling</b>	52%	69%	0%	63%	

The above was for Parcel B alone. Below is for entire Shipyard.

<b>Total Survey Units in Hunters Pt Tetra Tech EC</b>	305	514	*
<b>Parcels D-2 &amp; UC-1,2,3 as % of total</b>	16%	16%	*

The number of survey units at building sites for the entire site was not available.

**Draft Interim EPA, CDPH, and DTSC review of Parcel C Rad Data Eval 11-16-2017**

	<b>Trench</b>	<b>Fill</b>	<b>Building Sites</b>	<b>Total</b>	<b>% of total</b>
<b>Tota Survey Units in Parcel C</b>	69	120	0	189	100%
<b>Navy recommended resampling</b>	28	90	0	118	62%
<b>Navy recommended reanalyzing archived samples</b>	4	0	0	4	2%
<b>EPA, CDPH, DTSC recommend resampling</b>	0	0	0	0	0%
<b>Total recommended resampling</b>	28	90	0	118	62%
<b>Total signs of data manipulation or falsification</b>	32	94	0	126	67%
<b>No signs of falsification found in data</b>	0	0	0	0	0%
<b>Regulators not yet reviewed</b>	41	30	0	71	38%
<b>% of total recommended resampling</b>	41%	75%	0%	62%	

2. These do not include building interiors, which are addressed separately

The above was for Parcel C alone. Below is for entire Shipyard.

<b>Total Survey Units in Hunters Pt Tetra Tech EC</b>	305	514	*
<b>Parcel C as % of total</b>	23%	23%	*

Not yet reviewed

Parcel E

**Draft Interim EPA, CDPH, and DTSC review of Parcel E Rad Data Eval**

	<b>Trench</b>	<b>Fill</b>	<b>Building Sites</b>	<b>Total</b>	<b>% of total</b>
<b>Tota Survey Units in Parcel C</b>	55	96		151	100%
<b>Navy recommended resampling</b>	0	0	0	0	0%
<b>Navy recommended reanalyzing archived samples</b>	0	0	0	0	0%
<b>EPA, CDPH, DTSC recommend resampling</b>	0	0	0	0	0%
<b>Total recommended resampling</b>				0	0%
<b>Total signs of data manipulation or falsification</b>				0	0%
<b>No signs of falsification found in data</b>				0	0%
<b>Regulators not yet reviewed</b>	55	96	0	151	100%
<b>% of total recommended resampling</b>	41%	75%	0%	62%	

The above was for Parcel C alone. Below is for entire Shipyard.

<b>Total Survey Units in Hunters Pt Tetra Tech EC</b>	305	514	*
<b>Parcel E as % of total</b>	18%	19%	*

	<b>Trench</b>	<b>Fill</b>	<b>Building Sites</b>	<b>Total</b>	<b>% of total</b>
<b>Tota Survey Units in Parcel B</b>	70	112	17	199	100%
<b>Navy recommended resampling</b>	2	18	8	28	14%
<b>Navy recommended reanalyzing archived samples</b>	2	1	0	3	2%
<b>Navy found signs of data maniulation and/or falsification</b>	4	19	8	31	16%
<b>EPA, CDPH, DTSC recommend resampling</b>	51	91	9	151	76%



<b>Total recommended resampling</b>	53	109	17	179	90%
<b>No signs of falsification found in data</b>	13	3	0	16	8%
<b>% of total recommended resampling</b>	76%	97%	100%	90%	

The above was for Parcel B alone. Below is for entire Shipyard.

<b>Total Survey Units in Hunters Pt Tetra Tech EC</b>	305	514	*
<b>Parcel B as % of total</b>	23%	22%	*





## Hunters Point Radiological Data Evaluation 12-1-2017

Regulators already reviewed						
Regulators not yet reviewed						
	Parcel G	Parcel B	Parcel D-2 & UC-1,2,3	Parcel C	Subtotal	% of Subtotal
Total Soil Survey Units	202	199	128	189	718	100%
Navy recommended resampling	98	28	78	118	322	45%
Navy recommended reanalyzing archived samples	0	3	2	4	9	1%
Navy found signs of data manipulation and/or falsification	98	31	80	122	331	46%
EPA, CDPH, DTSC recommend resampling	98	151	2	4	255	36%
Total recommended resampling	196	179	80	126	581	81%
No signs of falsification found in data	6	21	0	0	27	4%
Regulators Not Yet reviewed	0	0	48	71	119	17%

% Navy recommended resampling	49%	14%	61%	62%	45%
% Regulators added	49%	76%	2%	2%	36%
% of total recommended resampling	97%	90%	63%	67%	81%

	Parcels B & G		Parcels C, D-2, UC-1,2,3	
	Number	Percent	Number	Percent
Total units	401	100%	317	100%
Navy recommended resampling	126	31%	196	62%
Regulators recommended resampling	249	62%	6	2%
Total recommended resampling	375	94%	202	64%

### Notes:

1. These parcels represent 81% of the total trench and backfill soil survey units
2. These do not include Parcel E, which represents the remaining 19% of total trench and fill soil survey units
3. These do not include building interiors, which are addressed separately